

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A self-contained computerized variable intensity light ~~bulb~~ controller, comprising:
 - at least two connectors adapted to provide power to at least two fluorescent ~~lamps~~ light sources;
 - a power source connector for connecting the light controller to a power source; and
 - a computerized light control connected to, and integrated with, said power source connector for receiving power and connected to said connectors for providing power to said at least two connectors without using a filter, a phase-fired SCR, a choke and an amplifier.
2. (Currently amended) The controller as claimed in claim 1, further comprising a plurality of light sources mounted in said at least two connectors ;
 - wherein said fluorescent ~~lamps~~ light sources comprise at least one of compact fluorescent bulbs, self ballasted fluorescent bulbs, and fluorescent bulbs.
3. (Previously presented) The controller as claimed in claim 1, wherein said ~~light~~ controller comprises a computer.
4. (Previously presented) The controller as claimed in claim 1, wherein said controller comprises at least a processor.
5. (Previously presented) The controller as claimed in claim 1, wherein said controller is networkable.
6. (Canceled).
7. (Previously presented) The controller as claimed in claim 1, wherein said at least two connectors is 256 connectors.

8. (Previously presented) The controller as claimed in claim 1, wherein said computerized light control is adapted to control the single feed power provided to each one of said at least two connectors by turning on and off individually each one of said at least two connectors .

9. (Previously presented) The controller as claimed in claim 5, wherein said light control is adapted to send and receive signals.

10. (Previously presented) The controller as claimed in claim 9, wherein said sent and received signals comprise at least one of control and status signals.

11. (Previously presented) The controller as claimed in claim 9, wherein said received signals comprise commands to control said computerized light control.

12. (Previously presented) The controller as claimed in claim 9, wherein said sent signals comprise commands to control another computerized light control.

13. (Previously presented) The controller as claimed in claim 1, wherein said controller is an individual connectable replacement for an existing light source.

14. (Previously presented) The controller as claimed in claim 13, wherein said controller comprises a single screw-in replacement element.

15. (Currently amended) A method of modifying a light output level of a self-contained computerized variable intensity light controller having at least two connectors adapted to provide power to at least two fluorescent ~~lamps~~ light sources, a fluorescent ~~lamp~~ light source connected to each of said at least two connectors and a computerized light control connected to each of said at least two connectors for controlling individually each one of said at least two connectors, the method comprising the steps of:

receiving a signal to modify said light output level of said ~~controller~~ fluorescent ~~lamps~~ light sources; and

individually activating or deactivating one or more of said at least two connectors in

response to said received signal to modify said light output level of said [controller] fluorescent ~~lamps~~ light sources without using a filter, a phase-fired SCR, a choke and an amplifier.

16. (Currently amended) The method as claimed in claim 15, wherein said light controller comprises a computer.

17. (Currently amended) The method as claimed in claim 15, wherein said light controller comprises at least a processor.

18. (Ccurrently amended) The method as claimed in claim 15, wherein said light controller is networkable.

19. (Canceled)

20. (Previously presented) The method as claimed in claim 15, wherein said at least two connectors is 256 connectors .

21. (Previously presented) The method as claimed in claim 15, wherein said step of individually activating or deactivating comprises individually turning on and off one or more of said at least two connectors.

22. (Original) The method as claimed in claim 18, wherein said received signal is received from a network.

23. (Previously presented) The method as claimed in claim 18, further comprising the step of sending a signal indicative of the status of said controller.

24. (Previously presented) The method as claimed in claim 18, further comprising the step of sending a signal indicative of the status of said at least two connectors.

25. (Previously presented) The controller as claimed in claim 1, wherein said controller is a replacement for a light source.

26. (Previously presented) The controller as claimed in claim 1, wherein said controller is uniquely addressable on a network.

27. (Previously presented) The controller as claimed in claim 1, wherein said controller is networkable with another of said controller.

28. Canceled.

29. Canceled.

30. Canceled.

31. Canceled.

32. (Previously presented) A self-contained, computerized, variable light output level light source comprising:

a plurality of controllable filaments;

a power source connector having a standard light bulb base for connecting the light source to a standard light bulb socket as a power source, and;

a computerized light control connected to, and integrated with, said power source connector for receiving power and connected to said plurality of controllable filaments wherein said light control controls each of said plurality of controllable filaments without using a filter, a phase-fired SCR, a choke and an amplifier.

33. (Previously presented) The light source as claimed in claim 32, wherein said plurality of controllable filaments is more than two filaments.

34. (Previously presented) The light source as claimed in claim 32, wherein said plurality of controllable filaments is 256 filaments.

35. (Previously presented) The light source as claimed in claim 32, wherein each of said plurality of controllable filaments is individually controllable by said light control.

36. (Previously presented) The light source as claimed in claim 32, wherein the light source is a replacement for an existing light source.

37. Canceled.

38. Canceled.

39. (Previously presented) The light source as claimed in claim 32, wherein the light source is connectable to a standard light source socket.

40. (new) A self-contained, computerized, variable intensity, fluorescent light source controller, comprising:

a controller circuit having two or more low power devices and at least two high power devices controlled by one or more of the low power devices, the controller circuit receiving power from a single power source, the controller circuit comprising:

a transformer for regulating power from the single power source and providing the regulated power to the two or more low power devices;

the two or more low power devices receiving power from the transformer and controlling the at least two high power devices, the two or more low power devices comprising:

a communication device adapted to receive a control signal;

a controller, responsive to the received control signal, to transmit control signals to control the at least two high power devices;

at least two high power devices receiving power from the single power source and controlled by one or more of the low power devices;

at least two light source connectors, wherein each light source connector is connected to a high power device of the controller circuit, wherein each light source connector is adapted to provide power to a high power light source, and wherein the high power devices are adapted to respond to a control signal from a low power device and provide power to a connected light source connector.

41. (new) The light source controller as claimed in claim 40, wherein the controller circuit is on a single circuit board.

42. (new) The light source controller as claimed in claim 40, wherein the at least two high power devices are solid state power switches.

43. (new) The light source controller as claimed in claim 40, wherein the switches are capable of handling 1 amp at 120 volts alternating current.

44. (new) The light source controller as claimed in claim 40, wherein the high power light source is a fluorescent light source.

45. (new) The light source controller as claimed in claim 40, wherein the communication device is adapted to receive the control signal from a device not a part of the light source controller.

46. (new) The light source controller as claimed in claim 40, wherein the controller circuit further comprises:

a relay responsive to control signals from one of the two or more low power devices to control the at least two high power devices.

47. (new) The light source controller as claimed in claim 46, wherein the at least two high power devices are solid state power switches.